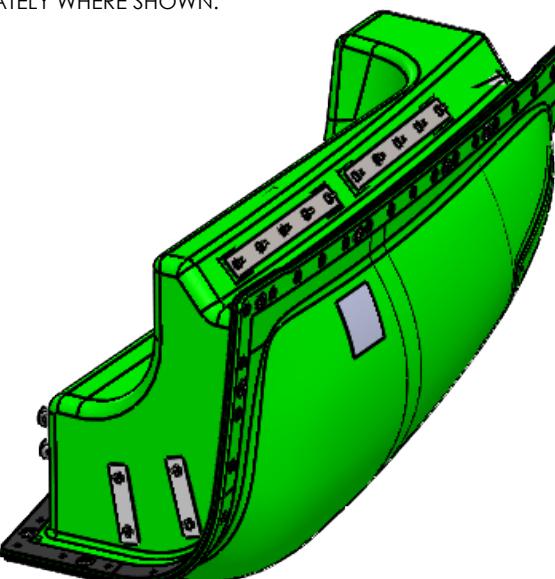


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| REV. | DESCRIPTION | DATE | APPROVED | REV. | DESCRIPTION | REVISIONS | DATE | APPROVED |
|------|------------------------|----------|-------------|------|------------------------------|-----------|----------|----------|
| A | INCORPORATED ECN 06722 | 06/21/21 | P. BRAVO | | LAST PROTOTYPE RELEASE: PR16 | | | |
| B | INCORPORATED ECN 06955 | 03/21/22 | J. GARDINER | N/C | INITIAL RELEASE | | 03-01-21 | |

NOTES:

1. IDENTIFY IAW MPP-120
DART SERIAL NUMBER IAW MPP-120 SECTION 5.2.1 AND 5.4
FORMAT: XXX.XXXX-ZZZZZ
- 2 TORQUE HOSE FITTINGS TO 120-140 IN-LBS AND COVER ALL FITTINGS, EXCEPT FLOAT INLET FITTINGS, WITH SHRINK TUBING F/N 47
- 3 INSTALL WITH LOCTITE F/N 36 AND TORQUE TO 70 FT-LBS
- 4 INSTALL WITH LOCTITE F/N 37
5. ALL EXPOSED HOSE FITTINGS AND FASTENERS TO BE COVERED WITH ADHESIVE BACKED TAPE
- 6 PUNCTURE HOLES IN ADHESIVE-BACKED STRIP F/N 34 AND 35 TO CLEAR HOLES
AND INSTALL APPROXIMATELY AS SHOWN FOLLOWING THE EDGE.
- 7 PACK FLOAT AND LIFERAFT PER MPP-223
- 8 ATTACH TOP GIRT WITH STRIPS F/N 19 TO THE POD ASSY USING F/N 20, 21, AND 22
- 9 ATTACH FWD AND AFT GIRT STRIP F/N 17 TO THE POD ASSY USING F/N 20, 21, AND 22
- 10 ATTACH LOWER GIRT WITH GIRT STRIP F/N 18 TO THE POD ASSY USING F/N 21, 32 AND 33 FOR SHIPPING PURPOSES ONLY
- 11 BOND F/N 23, 24 AND 40 WITH ADHESIVE F/N 38
- 12 SHRINK THE SHRINK TUBING, F/N 41 OVER CABLE F/N 42 AND NICROPRESS SLEEVE F/N 43
- 13 BOND F/N 39 WITH ADHESIVE F/N 44
- 14 MATERIAL: AR 4315HP ADHESIVE, RESINLAB L.L.C.
- 15 LHD P/N 6F9560V01931
- 16 LHD P/N 6F9560V02031
- 17 LHD P/N 6F9560V03131
- 18 LHD P/N 6F9560V03331
- 19 LHD P/N 6F2560V01231
- 20 LHD P/N 6F9560V02151
- 21 LHD P/N 6F9560V02251
- 22 LHD P/N 6F9560V02351
- 23 LHD P/N 6F9560V02451
24. INTERFACE LOCATIONS ARE DEFINED IN DA169ICD-1 DOCUMENT
- 25 INSTALL WITH LOCTITE F/N 36 AND TORQUE TO 20 FT-LBS
- 26 BOND F/N 45 TO F/N 1 AND F/N 46 TO F/N 2 BY APPLYING A 1 IN. WIDE STRIP OF F/N 38 ALONG THE
PERIMETER OF THE COVER LINERS. CUT A .250 IN. HOLE THROUGH THE LINERS F/N 45 AND F/N 46 THAT LINES UP WITH DRAIN
HOLE IN COVER F/N 1 AND F/N 2 RESPECTIVELY.
- 27 USE BOWLINE KNOT TO TIE F/N 51 TO ASSY'S 652.2301 AND 652.2302 APPROXIMATELY WHERE SHOWN.



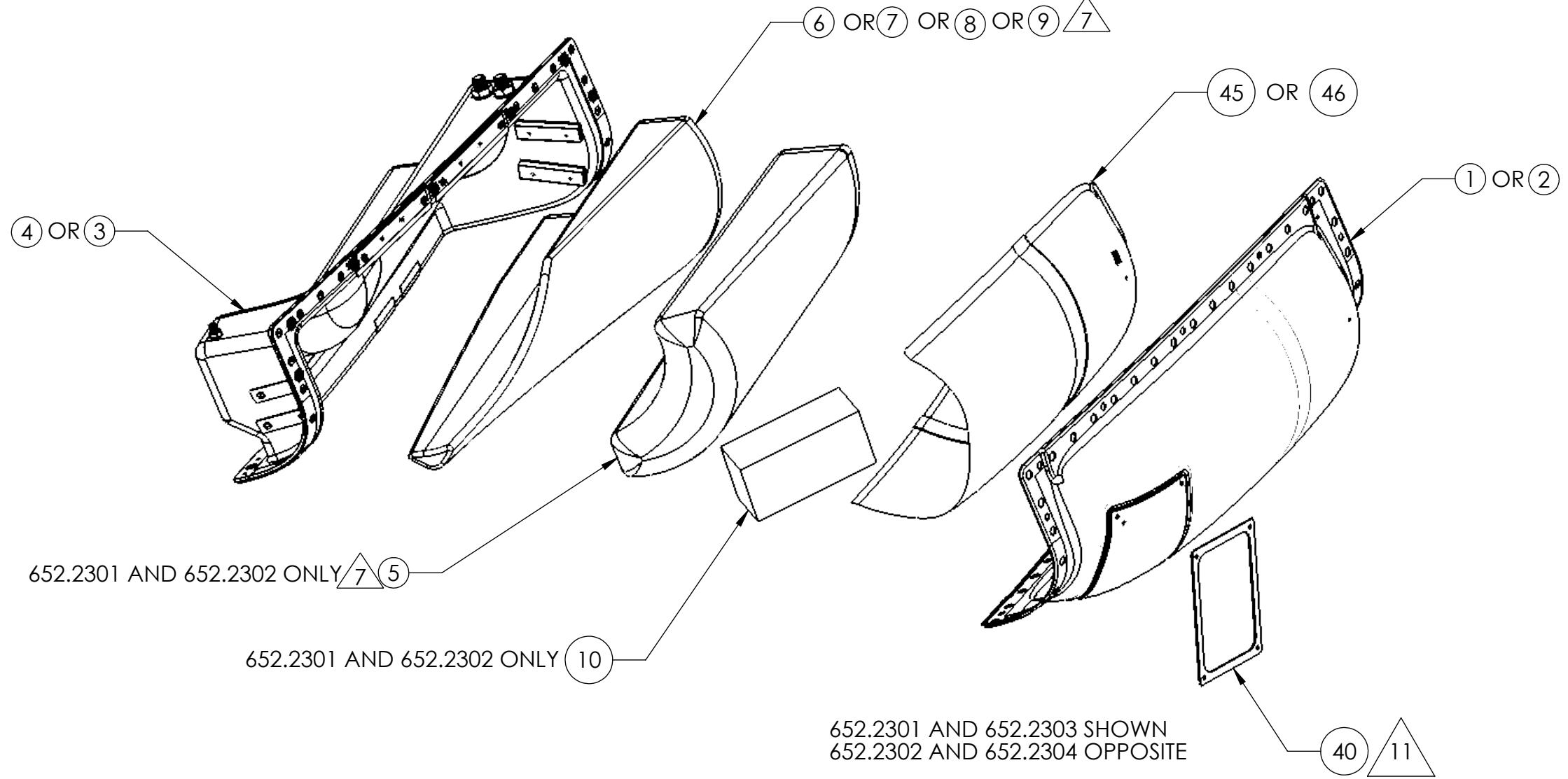
652.2301 AND 652.2303 SHOWN
652.2302 AND 652.2304 OPPOSITE

| | | 1 | 1 | 51 | 654.9401 | ELT BATTERY TAB WARNING TAG | | |
|--------|--------|--------|--------|----------|------------------------------|---------------------------------------|----------------|-------|
| | | 1 | 1 | 50 | 602.4707 | HOSE | | |
| | | 1 | 1 | 49 | 602.4706 | HOSE | | |
| 13 | 13 | 13 | 13 | 48 | MS15795-807 | WASHER | | |
| 4IN | 4IN | 14IN | 14IN | 47 | 601.1492 | SHRINK TUBING | M23053/5-109-0 | |
| 1 | | 1 | | 46 | 654.4610 | AFT COVER LINER RH | | |
| | | 1 | | 45 | 654.4611 | AFT COVER LINER LH | | |
| A/R | A/R | A/R | A/R | 44 | 600.1005 | ADHESIVE | | △ |
| 2 | 2 | 2 | 2 | 43 | 601.1054 | NICROPRESS SLEEVE | MS51844-42 | |
| 0.8 FT | 0.8 FT | 0.8 FT | 0.8 FT | 42 | 601.1581 | CABLE | | |
| 2 IN | 2 IN | 2 IN | 2 IN | 41 | 601.1512 | SHRINK TUBING | M23053/5-105-0 | |
| 1 | 1 | 1 | 1 | 40 | 652.9610 | ACCESS DOOR GASKET | | |
| 1 | 1 | 1 | 1 | 39 | 600.1423 | UNIVERSAL PLACARD | | |
| A/R | A/R | A/R | A/R | 38 | 600.0901 | ADHESIVE | LA4009 | |
| A/R | A/R | A/R | A/R | 37 | 601.1034 | LOCTITE 222 | | |
| A/R | A/R | A/R | A/R | 36 | 601.0905 | LOCTITE 262 | | |
| 10FT | 10FT | 10FT | 10FT | 35 | 601.3774 | ADHESIVE BACKED STRIP | | |
| 10FT | 10FT | 10FT | 10FT | 34 | 601.3773 | ADHESIVE BACKED STRIP | | |
| 4 | 4 | 4 | 4 | 33 | AN315C3R | NUT | | |
| 4 | 4 | 4 | 4 | 32 | 601.3778 | SCREW | | |
| 13 | 13 | 13 | 13 | 31 | MS27039C1-06 | SCREW | | |
| 13 | 13 | 13 | 13 | 30 | 652.7724 | POM-C .038 GROOVE | | |
| 3 | 3 | 3 | 3 | 29 | 652.8610-655 | FRANGIBLE BASE | | |
| 10 | 10 | 10 | 10 | 28 | 652.8610-460 | FRANGIBLE BASE | | |
| | | 1 | 1 | 27 | 601.2370 | TEE -4 | | |
| | | 1 | 1 | 26 | 602.4708 | HOSE | | |
| | | 1 | 1 | 25 | 602.4701 | HOSE | | |
| 6 | 6 | 6 | 6 | 24 | 652.8504 | VELCRO PILE STRAP 26" | | |
| 6 | 6 | 6 | 6 | 23 | 652.8503 | VELCRO HOOK STRAP 26" | | |
| 18 | 18 | 18 | 18 | 22 | MS21043-3 | NUT | | |
| 44 | 44 | 44 | 44 | 21 | NAS1149C0332R | WASHER | | |
| 18 | 18 | 18 | 18 | 20 | MS27039-1-12 | SCREW | | |
| 2 | 2 | 2 | 2 | 19 | 651.7607 | AFT FLOAT 5 HOLE GIRT ASSY | | |
| 2 | 2 | 2 | 2 | 18 | 651.7608 | AFT FLOAT 4 HOLE GIRT ASSY | | |
| 4 | 4 | 4 | 4 | 17 | 651.7606 | AFT FLOAT 2 HOLE GIRT ASSY | | |
| 2 | 2 | 2 | 2 | 16 | NAS1149C1290R | WASHER | | |
| 2 | 2 | 2 | 2 | 14 | 601.4378 | NUT | | |
| | | 1 | 1 | 13 | 601.4340 | -4 BULKHEAD NUT | | |
| | | 1 | 1 | 12 | 652.6711 | -4 FLARELESS TO -4 FLARED | | |
| 2 | 2 | 2 | 2 | 11 | 652.6710 | -8 FLARELESS TO -4 FLARED | | |
| | | 1 | 1 | 10 | 601.4395 | ELT | | |
| | | 1 | | 9 | 652.5906 | AFT FLOAT BAG ASSY W/ LR PROVISION RH | | △ |
| | | 1 | | 8 | 652.5905 | AFT FLOAT BAG ASSY W/ LR PROVISION LH | | △ |
| 1 | | | | 7 | 652.5904 | AFT FLOAT BAG ASSY RH | | △ |
| | 1 | | | 6 | 652.5903 | AFT FLOAT BAG ASSY LH | | △ |
| | | 1 | 1 | 5 | 650.9102 | 8 MAN ETSO LIFERAFT | | △ |
| 1 | | 1 | | 4 | 652.2504 | AFT POD ASSEMBLY RH | | |
| | 1 | | 1 | 3 | 652.2503 | AFT POD ASSEMBLY LH | | |
| 1 | | 1 | | 2 | 652.2502 | AFT COVER ASSEMBLY RH | | |
| | 1 | | 1 | 1 | 652.2501 | AFT COVER ASSEMBLY LH | | |
| X | X | | | 652.2304 | AFT FLOAT ASSY RH | | | △ |
| | | X | | 652.2303 | AFT FLOAT ASSY LH | | | △ |
| | | | X | 652.2302 | AFT FLOAT ASSY W/ 8PAX LR RH | | | △ |
| | | | | 652.2301 | AFT FLOAT ASSY W/ 8PAX LR LH | | | △ |
| .2304 | .2303 | .2302 | .2301 | FIND # | PART # | DESCRIPTION | MAT'L | SPEC. |

| QTY | | PARTS LIST | | |
|---------------|-----------|--|----------------------|--|
| NEXT ASSY (S) | | ORIGINAL DATE (MO-DA-YR) 05-01-19 | | |
| | | DRAWN BY EANDERSON P. BRAVO | | |
| | | DRAWING APPROVAL P. BRAVO 03-01-21 | | |
| | | CONTRACT No. | | |
| | | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5° | | |
| SIZE | CAGE CODE | DWG. NO. | AW169 AFT FLOAT ASSY | |
| B | 07MZ6 | 652.2300 | REV. B | |
| SCALE NONE | | SHEET 1 OF 8 | | |

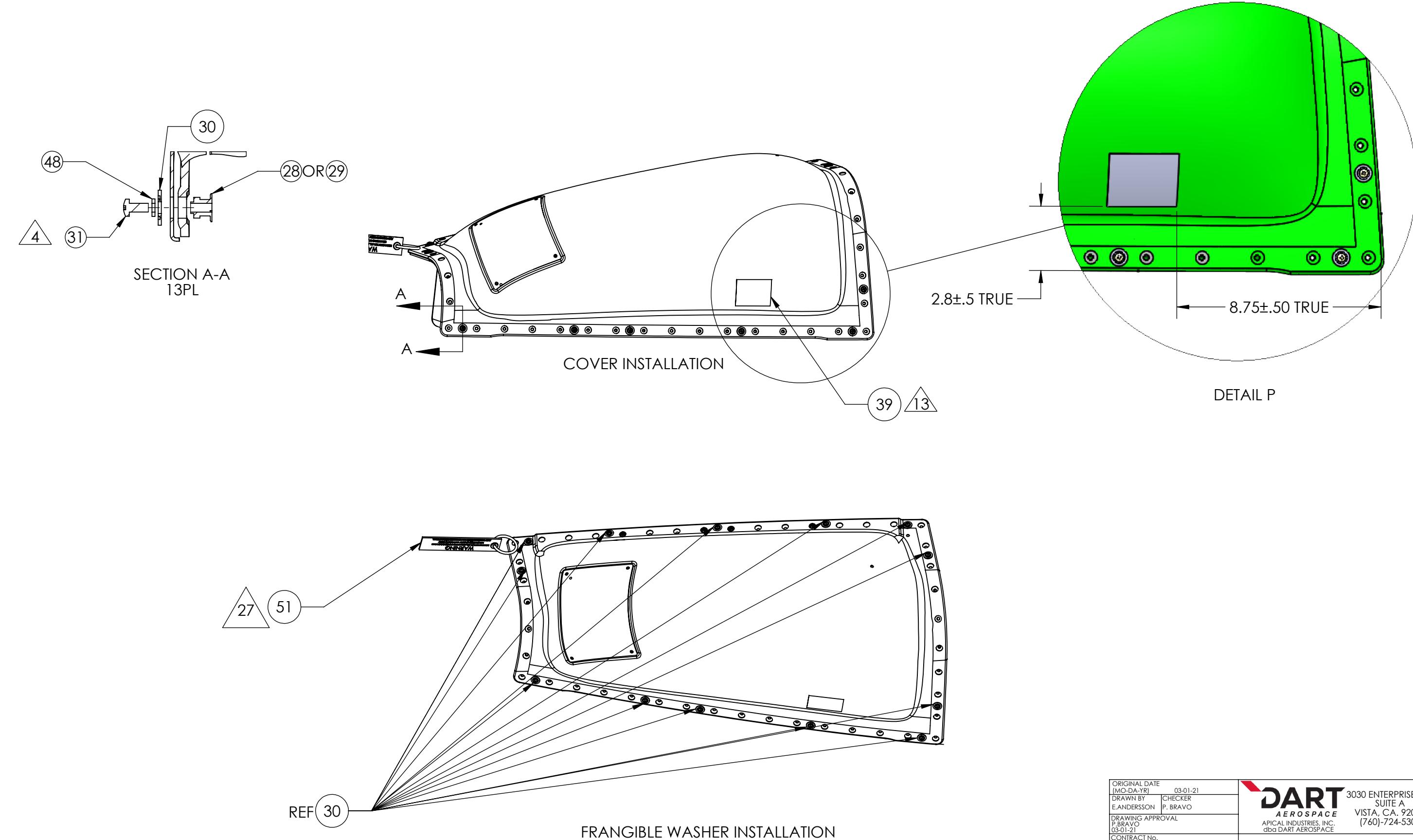
DART
AEROSPACE
3030 ENTERPRISE CT.,
SUITE A,
VISTA, CA. 92081
(760)-724-5300
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

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| | | |
|---|----------------------|---|
| ORIGINAL DATE (MO-DA-YR) | 03-01-21 | DART AEROSPACE 3030 ENTERPRISE CT., SUITE A, VISTA, CA. 92081 (760)-724-5300 APICAL INDUSTRIES, INC. dba DART AEROSPACE |
| DRAWN BY | CHECKER | |
| E.ANDERSSON | P. BRAVO | |
| DRAWING APPROVAL | P. BRAVO 03-01-21 | |
| CONTRACT No. | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$ | | |
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| B | 07MZ6 | 652.2300 |
| REV. B | | |
| SCALE NONE | | |
| SHEET 2 OF 8 | | |

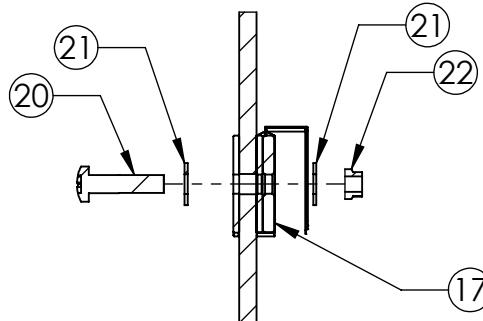
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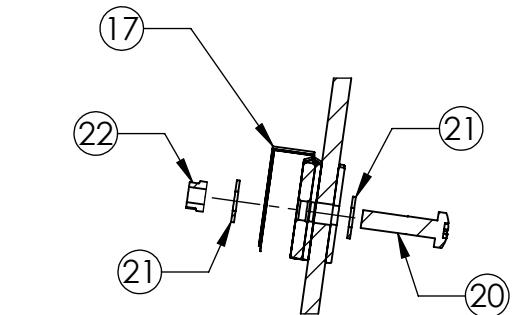
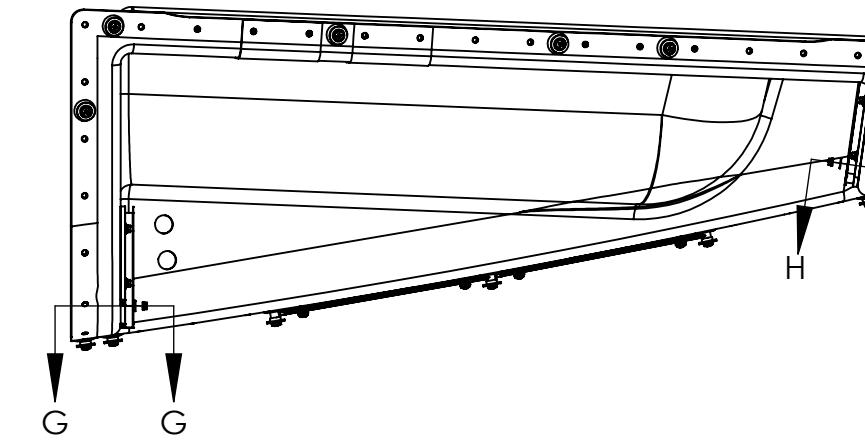
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|-----------------------------|----------|
| ORIGINAL DATE (MO-DA-YR) | 03-01-21 |
| DRAWN BY | CHECKER |
| E.ANDERSSON | P. BRAVO |
| DRAWING APPROVAL | |
| P.BRAVO | 03-01-21 |
| CONTRACT No. | |

| | |
|-----------------------------|--|
| DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A, VISTA, CA. 92081 (760)-724-5300 |
| AW169 AFT FLOAT ASSY | |
| SIZE | CAGE CODE |
| B | 07MZ6 |

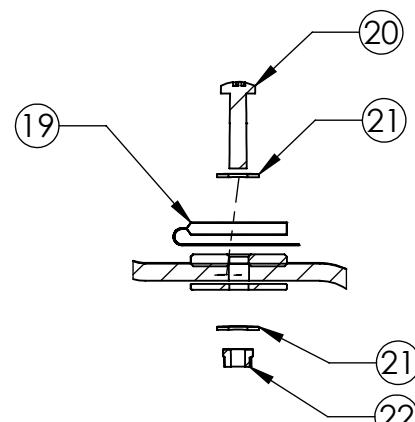
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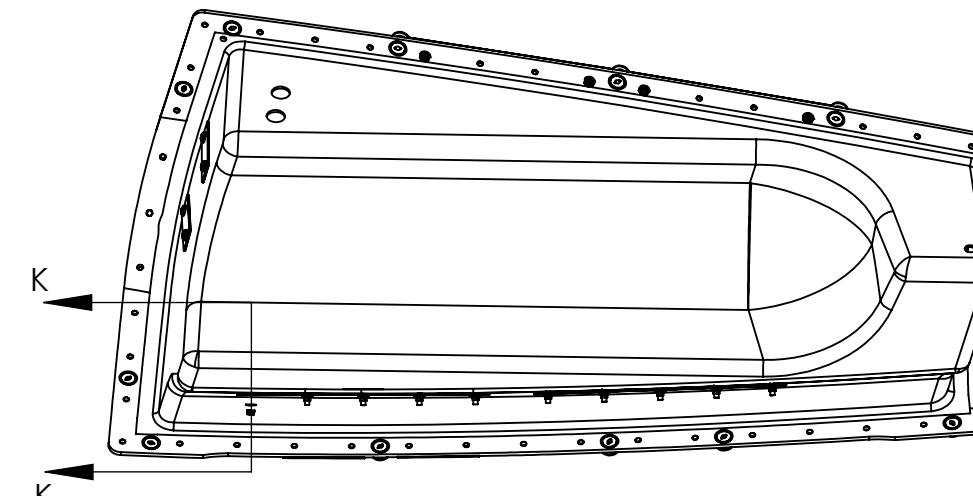
SECTION G-G
4PL



SECTION H-H
4PL



SECTION K-K
10PL



A

B

C

D

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| | |
|---|----------|
| ORIGINAL DATE (MO-DA-YR) | 03-01-21 |
| DRAWN BY | CHECKER |
| E.ANDERSSON | P. BRAVO |
| DRAWING APPROVAL | |
| P.BRAVO | 03-01-21 |
| CONTRACT No. | |
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| | |
|-----------------------------|---|
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| SIZE | CAGE CODE |
| B | 07MZ6 |

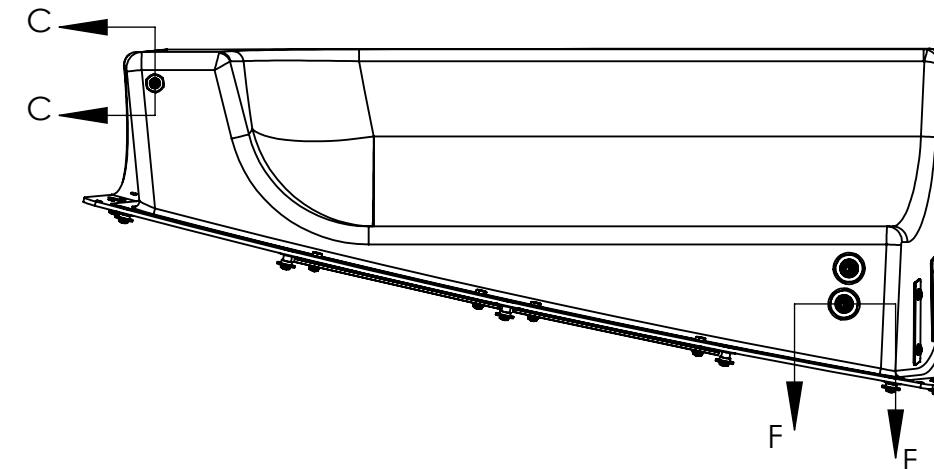
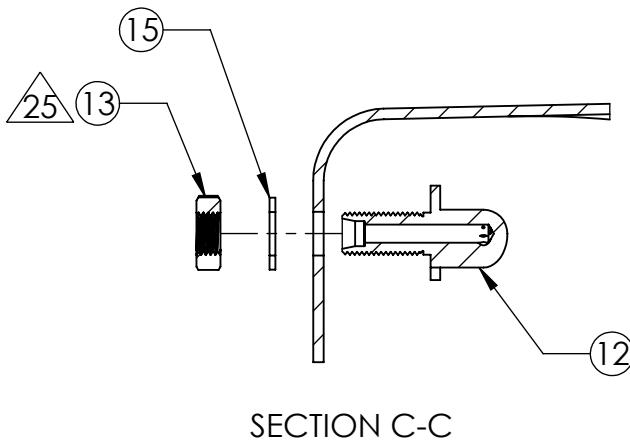
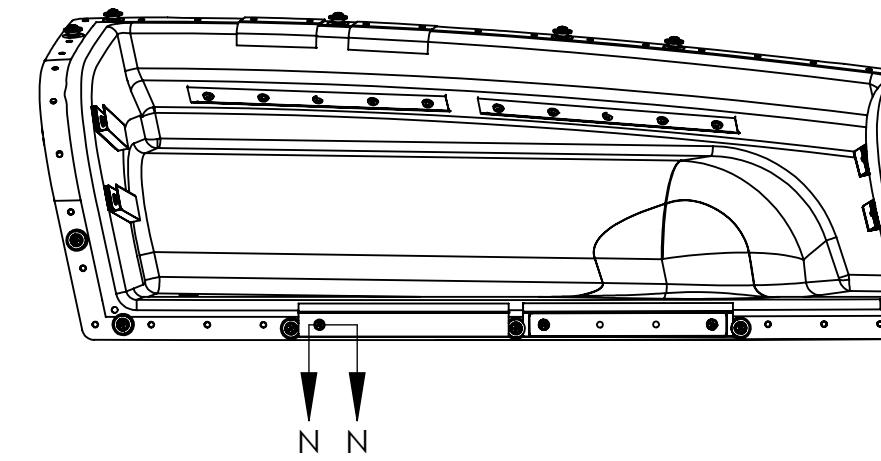
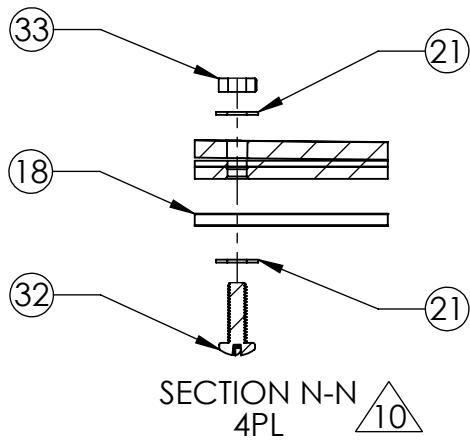
DWG. NO.
652.2300

REV.
B

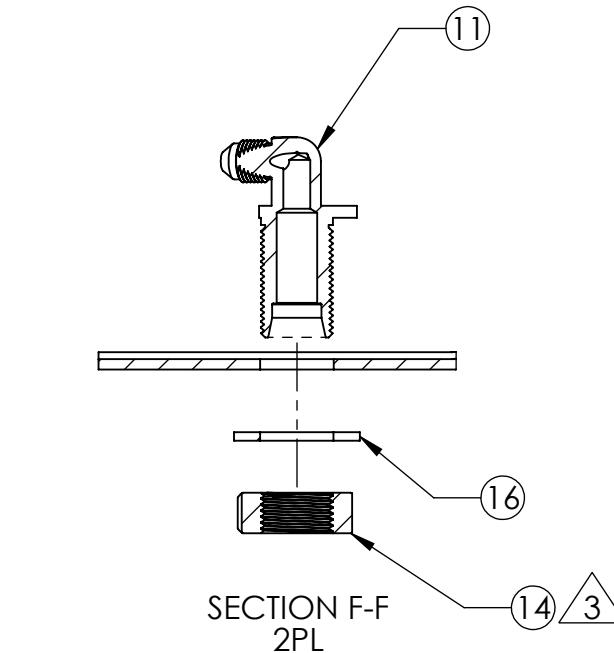
SCALE NONE

HEET 4 OF 8

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UNION INSTALLATION



| | |
|---|----------|
| ORIGINAL DATE (MO-DA-YR) | 03-01-21 |
| DRAWN BY | CHECKER |
| E.ANDERSSON | P. BRAVO |
| DRAWING APPROVAL | |
| P.BRAVO | 03-01-21 |
| CONTRACT No. | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$ | |

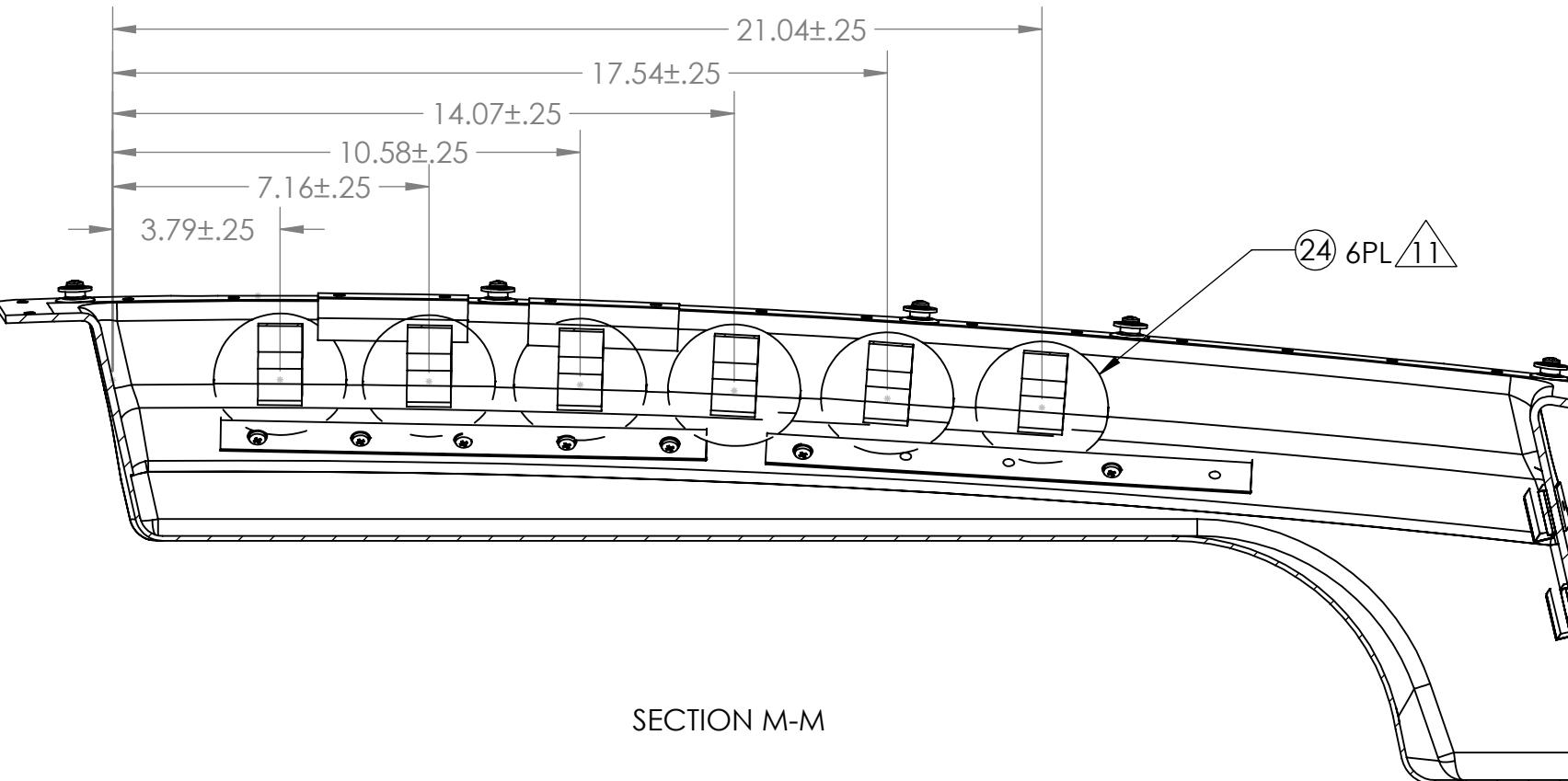
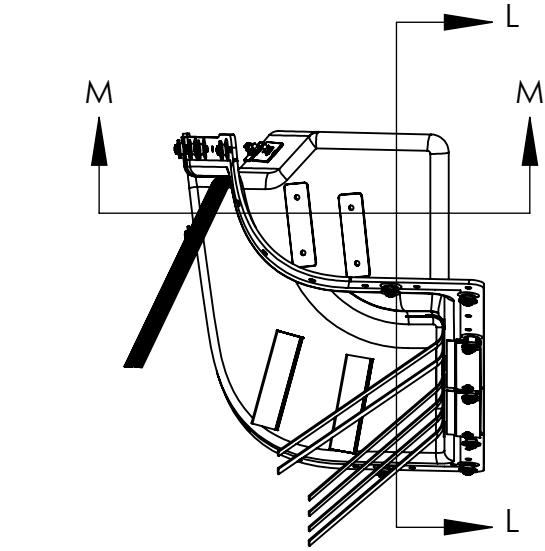
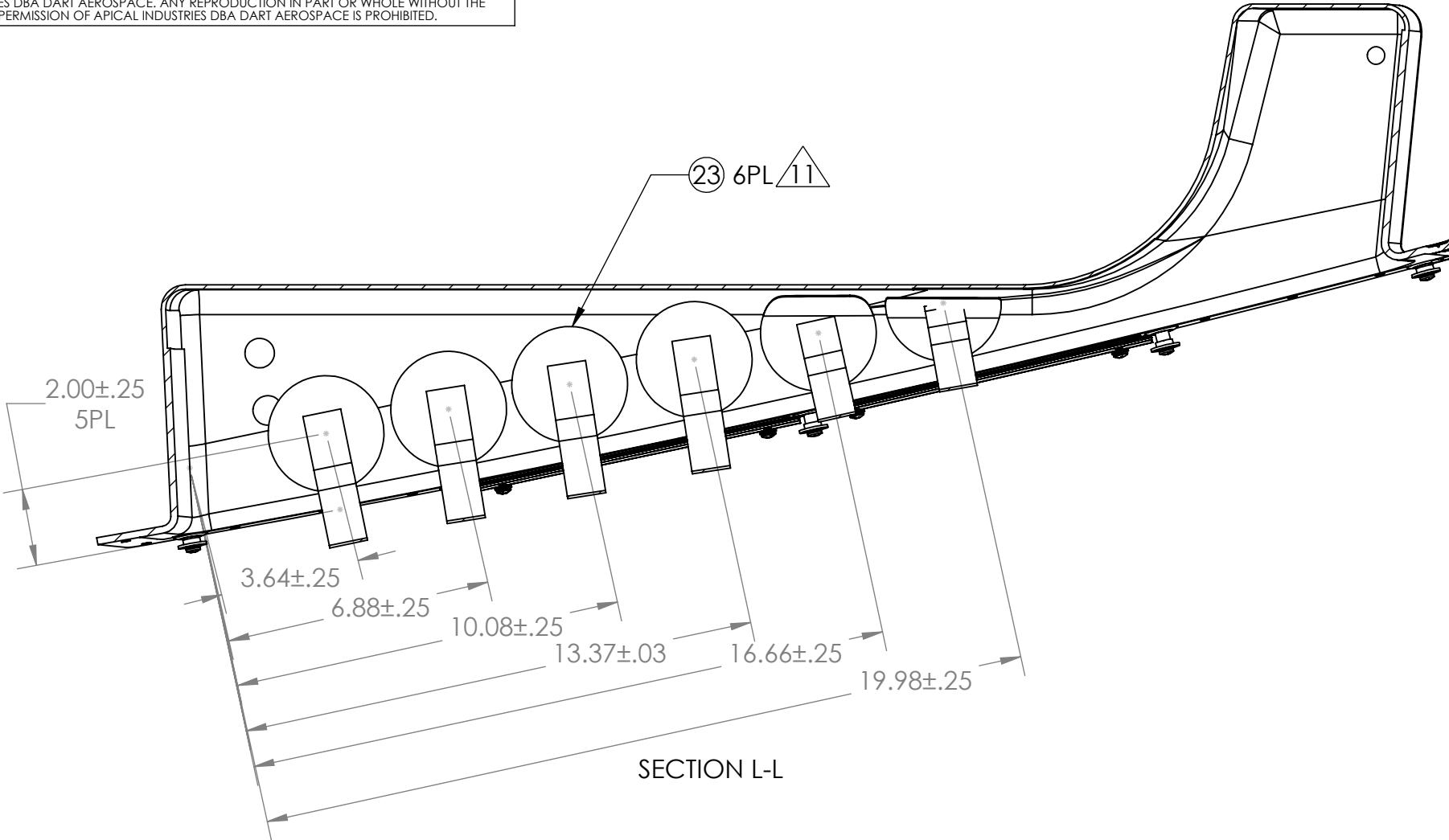
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|-----------------------------|---|
| DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 |
| AW169 AFT FLOAT ASSY | |
| SIZE | CAGE CODE |
| B | 07MZ6 |

REV. B

SCALE NONE

SHEET 5 OF 8

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| | |
|-----------------------------|----------|
| ORIGINAL DATE (MO-DA-YR) | 03-01-21 |
| DRAWN BY | CHECKER |
| E.ANDERSSON | P. BRAVO |
| DRAWING APPROVAL | |
| P.BRAVO | 03-01-21 |
| CONTRACT No. | |

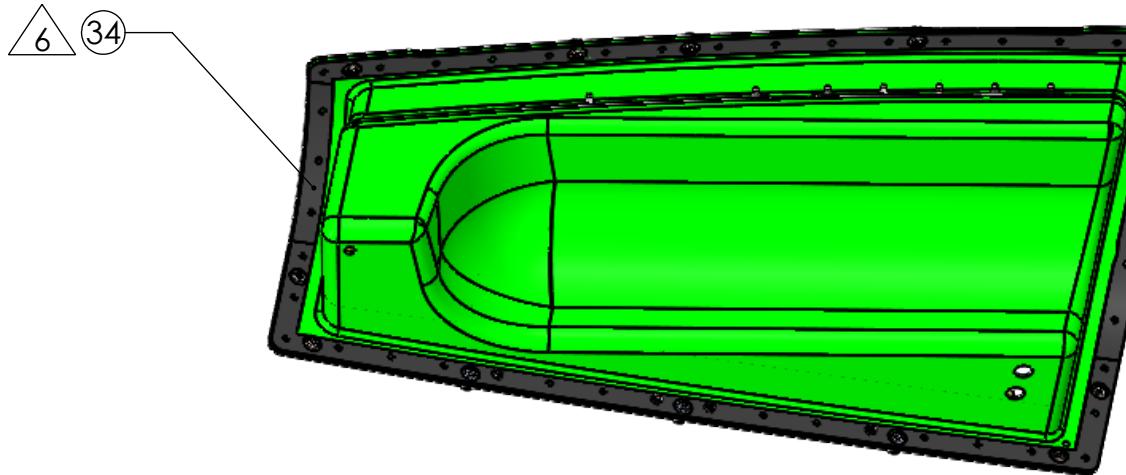
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|-----------------------------|--|
| DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A, VISTA, CA. 92081 (760)-724-5300 |
| AW169 AFT FLOAT ASSY | |
| SIZE | CAGE CODE |
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DWG. NO.
652.2300
REV.
B

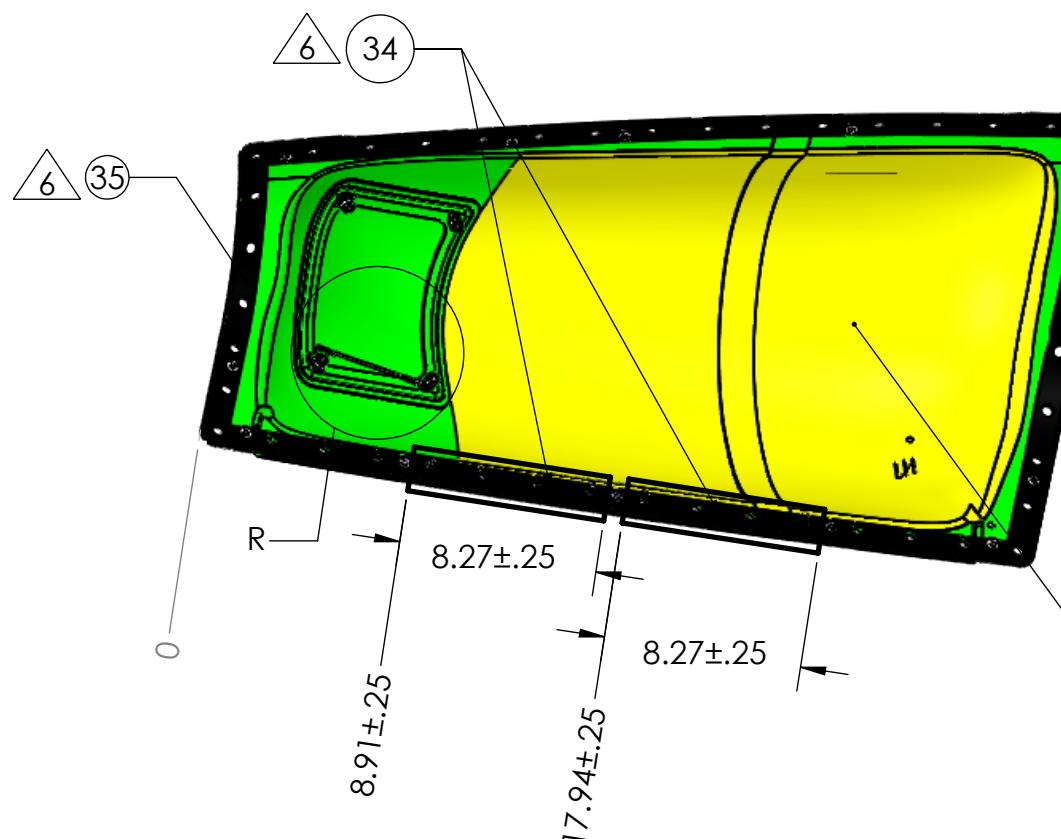
SCALE NONE

HEET 6 OF 8

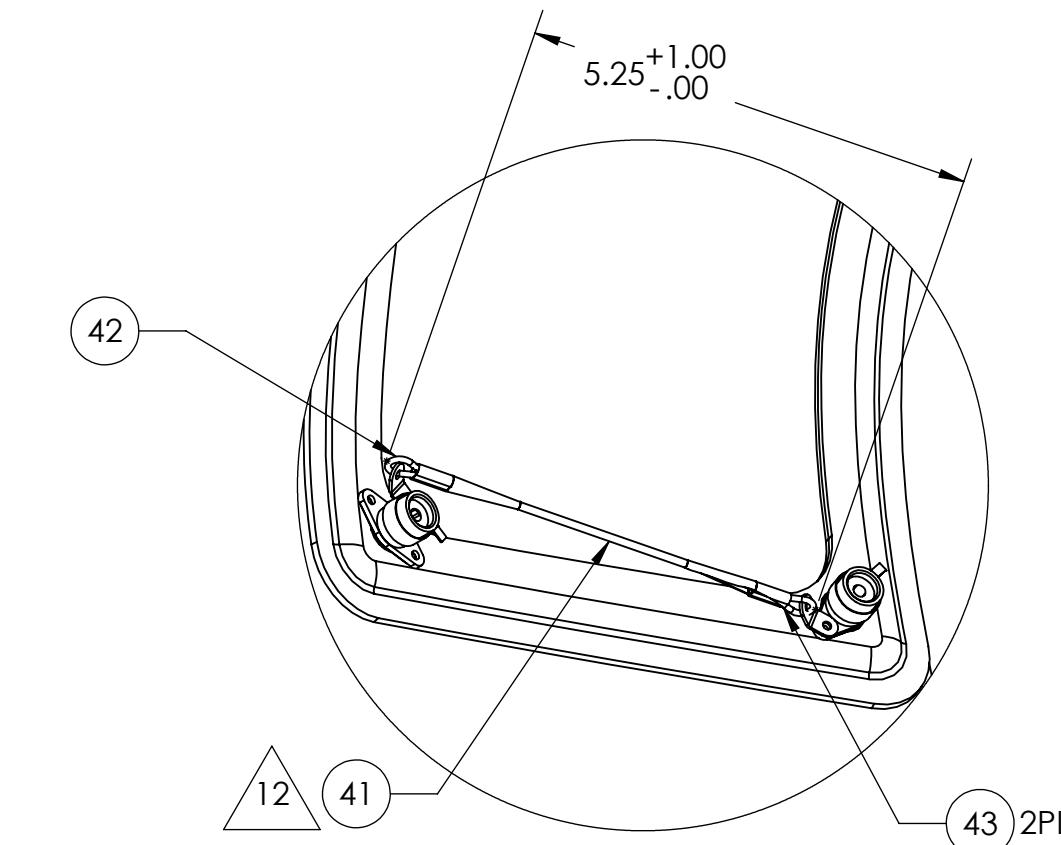
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POD GASKET INSTALLATION



COVER GASKET/ LINER INSTALLATION

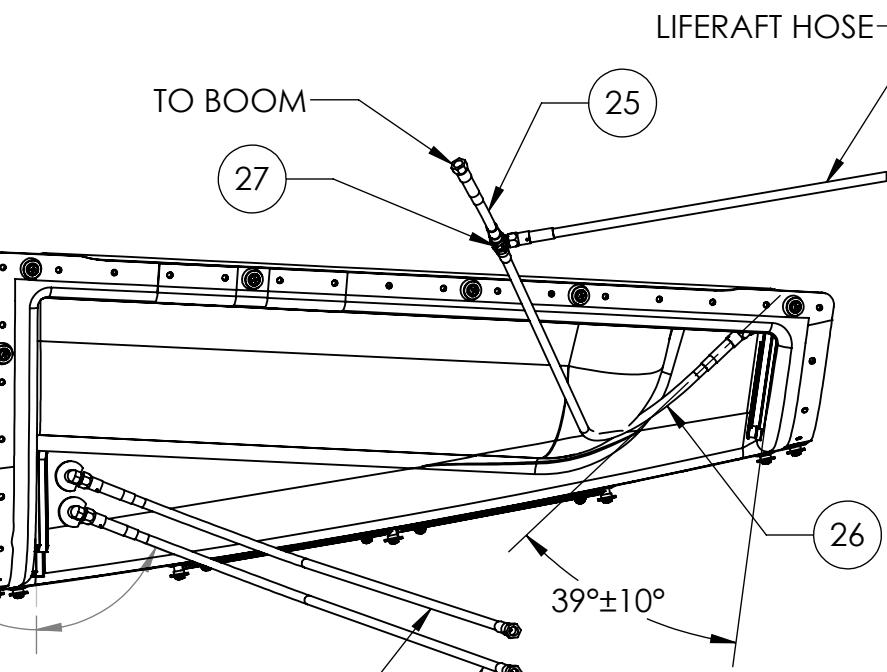


DETAIL R

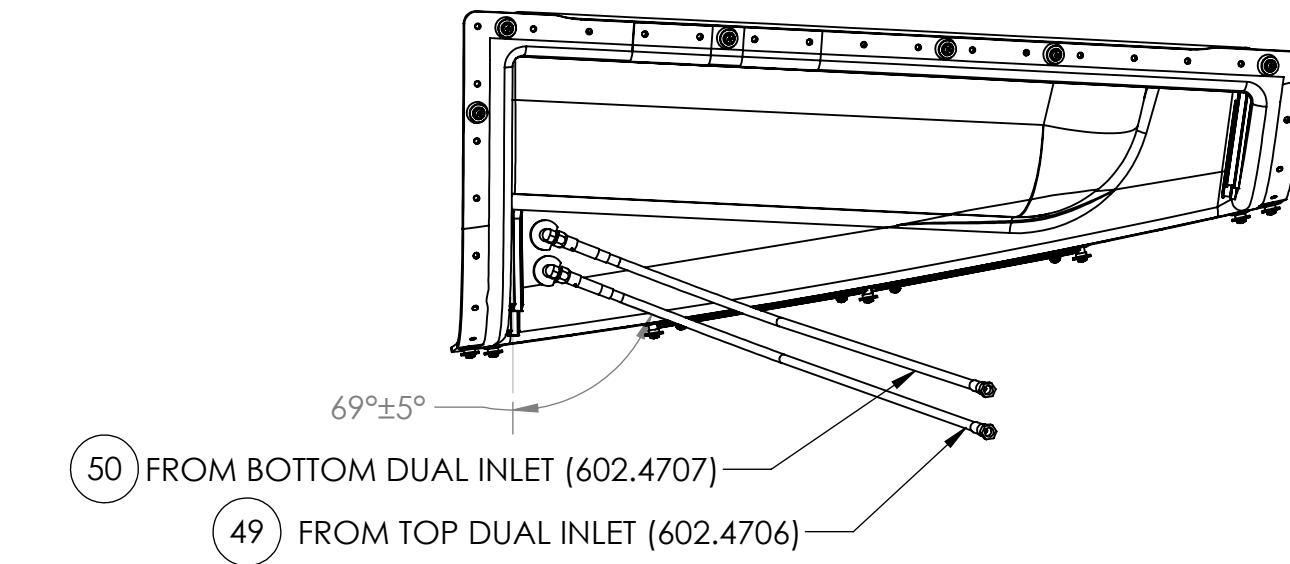
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| ORIGINAL DATE (MO-DA-YR) | 03-01-21 | DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A, VISTA, CA. 92081 (760)-724-5300 |
| DRAWN BY | CHECKER | | APICAL INDUSTRIES, INC. dba DART AEROSPACE |
| E.ANDERSSON | P. BRAVO | | |
| DRAWING APPROVAL | P. BRAVO 03-01-21 | | |
| CONTRACT No. | AW169 AFT FLOAT ASSY | | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5° | SIZE | CAGE CODE | DWG. NO. |
| | B | 07MZ6 | 652.2300 |
| | | | REV. B |
| | | SCALE NONE | SHEET 7 OF 8 |

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A



B



C

HOSE INSTALLATION $\triangle 2$
652.2301 AND 652.2302

HOSE INSTALLATION $\triangle 2$
652.2303 AND 652.2304

D

| | | | | |
|---|----------|--------------------------|--|-----------|
| ORIGINAL DATE (MO-DA-YR) | 03-01-21 | DART AEROSPACE | 3030 ENTERPRISE CT., SUITE A, VISTA, CA. 92081 (760)-724-5300 | |
| DRAWN BY | CHECKER | | APICAL INDUSTRIES, INC. dba DART AEROSPACE | |
| E.ANDERSSON | P. BRAVO | | | |
| DRAWING APPROVAL | P. BRAVO | | AW169 AFT FLOAT ASSY | |
| | 03-01-21 | | SIZE | CAGE CODE |
| CONTRACT No. | | | DWG. NO. | 652.2300 |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$ | | | REV. | B |
| SCALE | NONE | | Sheet | 8 OF 8 |